



Ascolator™

Ascolator is an organic, water soluble micro granular biostimulant, manufactured from Ascophyllum nodosum seaweed for use in foliar applications and irrigation systems.



BENEFITS

- INCREASED TOLERANCE OF ABIOTIC STRESS
- IMPROVED WATER USE EFFICIENCY
- INCREASED LATERAL ROOTS AND ROOT MASS
- INCREASED CHLOROPHYLL CONCENTRATION AND DELAYED CHLOROPHYLL SENESCENCE
- MORE UNIFORM FRUIT SIZE, RIPENING AND QUALITY
- SOIL APPLICATIONS ENHANCE THE PLANT'S MYCORRHIZAL ASSOCIATIONS BOOSTING NUTRIENT UPTAKE AND ROOT NODULATION.





Ascolator works by activating key stress mitigation pathways, increasing the accumulation of osmolytes, reducing transpiration, increasing nutrient uptake and increasing chlorophyll density. In the soil, alginic acid promotes the growth of Arbuscular Mycorrhizal Fungi which work symbiotically with the plants to release and enable the uptake of key nutrients.

PHYSIOCHEMICAL PROPERTIES

Appearance:	Black Microgranule
Solubility:	≥99.5%
pH:	10–10.5
Electrical Conductivity:	46.7mS/cm
Dry matter:	94 - 96%

CHEMICAL COMPOSITION

Organic Matter:	52%
Alginic Acid:	10%
Mannitol:	4%
Fucoidans:	10%

COMPATIBILITY

Compatible with most insecticides and herbicides. However, it is recommended to perform a compatibility test with other products before mixing and to perform small scale crop trials before using the product.

Typical application rate: 0.5-1.0kg/Ha

MANUFACTURER AND LICENSE COMPANY

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